

Operating instructions

according to § 9 (1) Ordinance on Industrial Safety and Health (BetrSichV)

Device

Freezing microtome (cryotome)

Dangers for humans and the environment



- » There is a risk of cuts and punctures from broken object and cover glasses.
- » It is possible that the knife or the blade may cause cuts or finger amputations.
- » An infection risk exists if untested human material of risk group 3** is used.

Protective measures and rules of conduct



- » Persons may only work on the freezing microtome if they have been instructed accordingly and have received S2 instruction from Ute Hoffmann.
- » Personal protective equipment must be worn: Lab coat, nitrile gloves (EcoShield) and safety goggles.
- » Before starting the activity, the cooling chamber must be disinfected with Kanizid Premium AF. It is sprayed directly onto the surface to be disinfected and removed with a laboratory cloth after 1 min. of exposure time.
- » If no cutting is performed, the parking brake must be activated. This applies in particular to small assembly or adjustment work on the knife block or on the sample holder carriage.
- » Knives/blades and instruments brought along must be disinfected with 2% B15 after completion of the activity. The exposure time is 5 minutes.
- » Any surplus slides contaminated with infectious materials (unfixed human tissue) are placed in a metal instrument box for autoclaving. All other used slides are disposed of in the general laboratory waste!
- » After completion of all activities, the surplus sections are brushed into the collection tray with a dry brush and disposed of. Untested, unfixed tissue from humans must be autoclaved. Subsequently, the freezing chamber must be disinfected again with Kanizid Premium AF.

Behavior in the event of danger/incident



- » In case of a technical error, the work must be stopped immediately and Mrs. Schreiber, room 2.28, phone -728, must be informed.
- » If a malfunction occurs while using the automatic cut setting, the EMERGENCY OFF switch on the top of the device must be pressed.
- » In case of glass breakage inside the cooling chamber, the fragments are brushed into the collection tray, then the tray is carefully removed and the fragments are disposed of in the yellow discard canister.

First aid

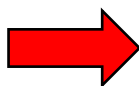


Cut and stab wounds:

Bleed the wound and dress it. If risk group 3** specimens were used, disinfect the wound with Octenisept.

Amputations:

Dress the incision site with a pressure bandage and sterile compresses. Hold up the affected arm. Transfer the amputated piece to a plastic bag (first aid kit), seal it and place it in another bag filled with ice water. Then go to the emergency room.



Any type of injury must be documented in the first-aid book (see intranet) and reported to the responsible supervisor. If the injuries are associated with infectious material, the transit physician must be consulted and an accident report completed.